

Carl Moyer Program Fact Sheet

Reducing Diesel Emissions for Healthier Air

WHAT is the Carl Moyer Program?	The purpose of the Carl Moyer Program is to reduce emissions from existing heavy-duty diesel engines. The Carl Moyer Program is administered by the California Air Resources Board (CARB) in partnership with local air quality districts throughout the state. Emissions from heavy-duty diesel engines have been identified as a major source of air pollution, including nitrogen oxides (NOx), particulate matter (PM), and air toxics. Since diesel engines are extremely durable (they may last for 20 years or more), the Moyer program provides grants to reduce emissions from existing diesel engines that might otherwise continue to emit high amounts of pollution over their lifespan. Most existing diesel engines are not subject to the stringent emission
	Note: Moyer funds cannot be used to comply with any applicable emission standards or regulations. Moyer funds may only be used to generate surplus emission reductions; to reduce emissions beyond what is required by standards or regulations.
WHO is eligible to apply?	Both PUBLIC agencies and PRIVATE entities that own and operate eligible diesel equipment within the Bay Area can apply to the Bay Area Air Quality Management District (Air District) for Moyer funds. PUBLIC agencies include city and county government agencies, school districts, and special purpose agencies. PRIVATE entities include individuals, corporations, businesses, and other
	organizations that own and operate eligible heavy-duty vehicles, engines, or equipment.
WHAT types of projects and equipment are eligible?	Eligible project types include: • on-road heavy-duty trucks and buses (> 14,000 lbs. gross vehicle weight) • off-road heavy-duty equipment (e.g. construction and farm equipment) • marine vessels (e.g. tug boats, fishing vessels, ferry boats, etc.) • locomotives • forklifts • airport ground support equipment (GSE) • stationary agricultural irrigation pumps • auxiliary power units (APUs) to reduce vehicle idling
	Eligible projects may include the repowering or retrofitting of existing engines and vehicles, as well as the purchase of new low-emission engines or vehicles.
HOW much Moyer funding can the owner of a diesel engine request?	Moyer grants typically cover a major portion of the cost to replace or retrofit the engine. In addition to this direct subsidy, by installing a cleaner, more efficient engine, the engine owner/operator will generally realize a significant reduction in operating costs via improved fuel economy and reduced maintenance costs.

In the Bay Area, Moyer funds are distributed via a competitive process. **HOW** are Moyer Project applications are ranked based on their cost-effectiveness in reducing applications emissions. evaluated? In awarding Moyer Program funds, the Air District also complies with the requirement in state law (Health & Safety Code Section 43023.5) to allocate at least 50% of Moyer Program funds to projects that reduce emissions in communities with high exposure to air contaminants. Cost-effectiveness is determined by dividing the amount of grant funds requested by the estimated emissions reductions that the project would achieve. **HOW** are Moyer funds allocated? Emission reductions are based upon the sum of nitrogen oxides (NOx), reactive organic gases (ROG), and particulate matter (PM). CARB's Moyer guidelines require that all projects achieve a cost-effectiveness of \$14,300 or less per ton of emissions reduced. The Air District plans to issue a call for new Moyer applications in Fall 2005. WHEN will new At least \$2.5 million in Moyer funds will be available to allocate to new projects. **Moyer funding** Moyer program guidelines will be posted at: be available? www.baaqmd.gov/pln/grants and incentives/carl moyer/index.htm For further information, call David Burch at 415-749-4641. **WHAT** about The State Legislature has approved an increase in funding for projects to reduce emissions from heavy-duty diesel engines in future years. future funding to reduce emissions Funding for the Carl Moyer program is provided by a combination of Smog Check from heavy-duty waiver fees (fees paid for vehicles less than 6 years old that are exempted from the Smog Check program) and fees on sales of new tires in California. diesel engines? In addition, local air districts were authorized to increase their surcharge on motor vehicle registrations by \$2 per vehicle. This fee increase will generate approximately \$11 million per year in new revenues to fund emission reduction projects in the Bay Area. Revenues from this fee may be used to fund: • projects to reduce emissions from heavy-duty diesel engines • low emission school buses • programs to scrap or repair old, high-emitting vehicles • projects to reduce emissions from agricultural equipment or sources The Air District expects to allocate a significant portion of these new revenues to projects that reduce emissions from heavy-duty diesel engines.